

ABSTRACT

This optical analysis method comprises a first step of making light having a known intensity I_0 at a known wavelength incident on a medium; a second step of measuring an optical intensity upon reflection or optical intensity upon transmission emitted from the medium; a third step of executing the first and second steps at a plurality of wavelengths and recording the optical intensity as a measurement result; and a fourth step of calculating a target physical quantity by a predetermined arithmetic operation utilizing a known physical quantity stored in a database and the optical intensity.